

Project :

**USAID Office - Governor's Office Building, Banda Aceh, NAD**

Bidder :

Date :

**COST PROPOSAL for "Back-up Power System"**

Item	Description	Specification	Brand (each Item)	Volume	Unit Cost (USD)
A Materials					
1	Generator Sets				
	a. Unit Package	Caterpillar C18, 635 KVA or similar		3 unit	
	b. Exhaust system	Steel Pipe $\Phi$ 8", medium, c/w Connection Flansh (Hot dip galvanized)		3 set	
	c. Ducting Discharge	Steel plate min. 3mm thk. (Hot dip galvanized)		3 set	
	d. Flexible Discharge	Nylon Fabric 2mm thk. (min)		3 set	
2	Transformer	1,500 KVA Capacity		1 unit	
3	Cubicle (Incoming & Outgoing)	Medium Voltage		1 Set	
4	Interconnection Wiring	NY Y 4 x 300 mm2 cables		1 Lot	
				Sub Total A	
B Control Panels					
5	Panel Synchrone Genset (Auto-Manual 3 x 635 KVA)				
	a. Panel Box (free standing)	800W X 2,000H X 800D (hot dip galvanized + powder coated)		3 unit	
	b. Measurement & Indicator	c/w: MCB Control, R-S-T Indicator, Volt/Ampere Meter, Volt Selector Switch, Frequence Meter, Kilo Watt Meter, Power Factor Meter, Hour Control Meter, Current Transformer		1 Lot	
	c. Circuit Breaker	c/w: Motorized MCCB, MCB Control, UVT, Aux Contactor, CB On-Off Indicator, CB On-Off Button, Selector Switch, Emergency Stop, Key Switch		1 Lot	
	d. Accessories	Plastic coated Busbars and other necessities components		1 Lot	
6	Auto Synchronizing Control System for 3 Gensets				
	a. Switch Board (Wall Mounting)	200W X 600H X 200D (hot dip galvanized + powder coated)		1 unit	
	b. Measurement & Indicator	c/w: MCB Control, Rotary Phase Indicator, Double Volt Meter, Double Frequence Meter, Synchronoscope		1 Lot	
	c. AMF and Auto Synchronizing Control System	c/w: MCB Control, Battery Charger, Automatic Main Failure, Current Transformer, Gensets Paralleling Control, Contactor, Alarm, Selector Switch, necessities Relais		1 Lot	
	d. Accessories	Plastic coated Busbars and other necessities components		1 Lot	

7 Panel Control for Transformer 1,500 KVA c/w ATS				
a. Panel Box (free standing)		800W X 2,000H X 800D (hot dip galvanized + powder coated)		1 unit
b. Measurement & Indicator		c/w: MCB Control, R-S-T Indicator, Volt/Ampere Meter, Volt Selector Meter, Frequence Meter, Kilo Watt Meter, Kilo Watt Hour Meter, Power Factor Meter, Current Transformer Meter		1 Lot
c. Relay Protection & control		c/w: MCB Control, Failure Indicator, Alarm, Reset Button, Over Current Relay, Earth Fault Relay, Current Tranformer, etc		1 Lot
d. Circuit Breaker		c/w: Motorized ACB, MCB Control, UVT, Time Delay, Closing Release, CB On-Off Indicator, CB On-Off Button, Selector Switch, Emergency Stop		1 Lot
e. Accessories		Plastic coated Busbars, and other necessities components		1 Lot
8 Main Distribution Board				
a. Panel Box (free standing)		800W X 2,000H X 800D (hot dip galvanized + powder coated)		1 unit
b. Measurement & Indicator		c/w: MCB Control, R-S-T Indicator, Volt/Ampere Meter, Current Transformer Meter		1 Lot
c. Circuit Breaker		c/w: ACB 3200 A (manual), MCB Control, CB On-Off Indicator		1 Lot
d. Accessories		Plastic coated Busbars and other necessities components		1 Lot
9 Enclosure Main Distribution Panel				
a. Empty Panel Box (free standing)		1,200W X 2,000H X 800D (hot dip galvanized + powder coated)		1 unit
b. Measurement & Indicator		c/w: R-S-T Indicator, Volt/Ampere Meter		1 Lot
				<b>Sub Total B</b>
C	<b>Indirect Cost</b>			
10	Installation Fee			1 Lot
11	Transportation / Mobilization			1 Lot
12	Commissioning Service	During Warranty Period		1 Lot
13	Training Service			1 Lot
				<b>Sub Total C</b>
14	Profit and Admin Fee			.....% from.....
				<b>Grand Total</b>

Amount (USD)





